

2025 Hazard Mitigation Plan

Onondaga County,
New York

**Village of Fabius
Annex**





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This Annex details the hazard mitigation elements specific to the Village of Fabius, a participating jurisdiction in the 2025 Onondaga County Hazard Mitigation Plan update. This Annex is not intended to be a standalone document but supplements the information contained in **Volume 1 (Countywide Planning Elements)**. Therefore, all sections of **Volume 1**, including the planning process, hazard identification and risk assessment, mitigation strategy (includes mitigation goals and objectives), and plan maintenance, apply to and were met by the Village of Fabius. This Annex provides additional information specific to the Village, with a focus on providing additional details on the hazard risk assessment and mitigation strategy (i.e., mitigation actions) for this community.

1. HAZARD MITIGATION LOCAL PLANNING TEAM

The following individuals have been identified as the Village of Elbridge Local Planning Team for the 2025 Onondaga County Hazard Mitigation Plan. These individuals participated in all aspects of the planning process and developed a risk and vulnerability assessment, capability assessment, and mitigation strategy (including mitigation actions) specific to the jurisdiction.

| Name | Title | Department |
|-----------------|-------|-------------------|
| Stephen Sommers | Mayor | Village of Fabius |

2. MUNICIPAL PROFILE

The Village of Fabius lies in the southeast portion of Onondaga County and has a total area of 0.4 square miles. The Village is centrally located in the Town of Fabius. *The Town of Fabius has developed its own dedicated annex as part of this Plan.* It is located nearly 4.5 miles from the Syracuse and Binghamton Railroad at Apulia and about six miles from the Elmira, Cortland, and Northern Railroad at Cuyler. The village is at the intersection of New York State Routes 80 and 91.

2.1. Population

In 2023, the Village of Fabius had a population of 368, a 9.5% increase from the estimated 2018 population of 336. **Table 1** summarizes population distribution between 2010 and 2023, and the percentage of the 2023 population that is under five (5) years old, over 65 years old, and living below the poverty level.

Table 1. Population Trends

| Population | | | | Underserved Population | | |
|-------------------|-------------------|-------------------|------------------------------------|---|---|----------------------------------|
| 2010 ¹ | 2018 ² | 2023 ³ | Population Change (2018 – 2023) | Youth ³ (Under 5 years old) | Elderly ³ (Over 65 years old) | Below Poverty Level ⁴ |
| 475 | 336 | 368 | 9.5% | 4.6% | 23.6% | 6.3% |

¹ United States Census Bureau. (2010). DP05: ACS Demographic and Housing Estimates (2010: 5-Year Estimates Data Profiles). Retrieved from <https://data.census.gov/table/ACS DP5Y2010.DP05?g=160XX00US3624867>.

² United States Census Bureau. (2018). DP05: ACS Demographic and Housing Estimates (2018: 5-Year Estimates Data Profiles). Retrieved from <https://data.census.gov/table/ACS DP5Y2018.DP05?g=160XX00US3624867>.

³ United States Census Bureau. (2023). DP05: ACS Demographic and Housing Estimates (2023: 5-Year Estimates Data Profiles). Retrieved from <https://data.census.gov/table/ACS DP5Y2023.DP05?g=160XX00US3624867>.

⁴ United States Census Bureau. (2023). S1701: Poverty Status in the Past 12 Months (2023: 5-Year Estimates Data Profiles). Retrieved from <https://data.census.gov/table/ACS ST5Y2023.S1701?g=160XX00US3624867>.



2.2. History and Cultural Resources

Originally called "Franklinville", Fabius became an incorporated village in 1880. Fabius was named after Quintus Fabius Maximus Verrucosus, a Roman soldier and politician. For many years, the Village was the center of great activity in the Town of Fabius. It flourished as the principal business point of the Town until the completion of the Syracuse and Binghamton Railroad. In 1854, the Syracuse and Binghamton Railroad was completed and opened across the western edge of the Town with a station on the old Turnpike known as Summit Station. This event, while inaugurating a new impetus to agriculture and shipping interests, proved disastrous to the Villages of Fabius and Apulia, which quickly lost their historic business activity and local prestige, their trade being largely drawn to neighboring centers of population. However, the railroad gave existence to the hamlet and post office of Summit Station, which became the shipping point for the Town as well as for a part of Tully.

The Fabius Village Historic District was listed on the National Register of Historic Places in 2000.

3. GROWTH/DEVELOPMENT TRENDS

Understanding development trends can help evaluate whether the jurisdiction’s vulnerability has increased, decreased, or remained the same. **Table 2** summarizes the total housing units built in the Village of Fabius between 2019 and 2023.⁵

Table 2. Housing Units Built (2019 - 2023)

| Type | 2019 | 2020 | 2021 | 2022 | 2023 |
|---------------------|----------|----------|----------|----------|----------|
| Single-Family Units | 0 | 0 | 0 | 0 | 0 |
| Multi-Family Units | 0 | 0 | 0 | 0 | 0 |
| 2-Family Units | 0 | 0 | 0 | 0 | 0 |
| 3-Family Units | 0 | 0 | 0 | 0 | 0 |
| Apartment Units | 0 | 0 | 0 | 0 | 0 |
| Total Units | 0 | 0 | 0 | 0 | 0 |

The Onondaga County Housing Needs Assessment, a component of the County’s Comprehensive Plan, explores the County’s housing market and its challenges in greater depth and argues that one of the County’s greatest housing needs is an improved approach to land use planning. In the Assessment, it is stated that there are similarities and affinities between certain groups of municipalities. Therefore, the County was sub-divided into seven (7) sub-regions, each of which covers multiple municipalities. The municipalities within each sub-region, share sufficient geographic and market characteristics to be treated as a single place for purposes of further understanding the county housing market.

The Village of Fabius is under the Rural Countryside sub-region. This sub-region has a greater proportion of married couple families, both elderly (17%) and non-elderly (65%), and relatively fewer single parent families and people living alone. Total household growth between 2000 and 2020 was 8.8% (the average of all the County towns/villages was 12.0%). Growing demand in the County would likely support continued large-lot homebuilding within the towns. Villages, without a clear market for aging housing in mostly remote locations, would slowly continue on their early 20th Century trajectory. If household growth in the towns within this sub-region grew sufficiently, it could encourage development of some additional commercial uses. Under a low-growth scenario, it is likely that the towns within Rural Countryside could continue to add large-lot houses in a rural setting, though construction would likely slow. Market changes would happen gradually, with strong areas remaining strong for a period of time.

⁵ Data provided by the Onondaga County Department of Planning based on Real Property Data (2024).



The Village of Fabius is fully developed, with both residential and commercial areas built out. There is no available land for new construction, limiting the potential for further development. **Table 3** summarizes major recent residential/commercial development (in the past five (5) years), and any known or anticipated significant residential/commercial development and significant infrastructure development, as of December 2024, that is likely to occur within hazard-prone areas in the next five (5) years.

Table 3. Growth and Development

| Property or Development Name | Location | Type <i>(e.g., residential, commercial)</i> | # of Units/ Structures | Known Hazard Zone(s) | Status of Development |
|---|----------|--|------------------------|----------------------|-----------------------|
| Recent Development in the Past Five (5) Years (2019 – 2024) | | | | | |
| The Village has not experienced significant development in hazard-prone areas over the past five (5) years. | | | | | |
| Known or Anticipated Development in the Next Five (5) Years (2024 – 2029) | | | | | |
| The Village does not anticipate significant development in hazard-prone areas over the next five (5) years. | | | | | |

3.1. Changes in Priority

The overall hazard mitigation priorities have not significantly changed for the Village of Fabius since the last Plan update. A new initiative for the Village is to implement a cleanup effort for Fabius Brook Creek to address issues caused by beaver activity. This includes mitigating impacts and removing beaver dams to restore proper water flow and mitigate potential hazards. Additionally, mitigation actions from the previous Plan were updated, and a more concerted effort to achieve equitable outcomes for all communities, including underserved communities and socially vulnerable populations, has been implemented.

4. CAPABILITY ASSESSMENT

Federal regulations require hazard mitigation plans to identify goals for reducing long-term vulnerabilities to the identified hazards in the planning area (Section 201.6(c)(3)(i)). A critical step in developing specific hazard mitigation actions and projects is assessing existing authorities, policies, programs, and resources and capabilities, and using or modifying local tools to reduce losses and vulnerability from profiled hazards.

A capability assessment was conducted for the Village of Fabius’ authorities, policies, programs, and resources. Goals and mitigation actions were developed using input from this assessment. Information regarding the Village’s implementation of and continued participation in the National Flood Insurance Program (NFIP) can be found in Section 5 of this Annex.

The Local Planning Team assessed the Village’s capabilities that can contribute to the reduction of long-term vulnerabilities to hazards. The capabilities include the following categories:

- Planning and Regulatory Capabilities
- Administrative and Technical Capabilities
- Fiscal Capabilities
- Education and Outreach Capabilities

Additionally, ways to expand on and improve these existing policies and programs to integrate hazard mitigation into the day-to-day activities and programs of the Village were considered.



4.1. Planning and Regulatory Capabilities

Table 4 includes local ordinances, policies, and laws to manage growth and development (e.g., land use plans, capital improvement plans, transportation plans, emergency preparedness and response plans, building codes, and zoning ordinances).

Table 4. Planning and Regulatory Capabilities

| Capability Category | Yes/No | Authority <i>(local, county, state, federal)</i> | Responsible Department/ Agency | Code Citation and Comments <i>(e.g., Code Chapter, name of plan, explanation of authority, etc.)</i> |
|---|--------|---|--------------------------------------|---|
| Planning Capability | | | | |
| Comprehensive Plan | No | N/A | N/A | N/A |
| Capital Improvements Plan | No | N/A | N/A | N/A |
| Floodplain Management / Basin Plan | No | N/A | N/A | N/A |
| Stormwater Management Plan | No | N/A | N/A | N/A |
| Open Space Plan | No | N/A | N/A | N/A |
| Stream Corridor Management Plan | No | N/A | N/A | N/A |
| Watershed Management or Protection Plan | No | N/A | N/A | N/A |
| Economic Development Plan | No | N/A | N/A | N/A |
| Comprehensive Emergency Management Plan | No | N/A | N/A | N/A |
| Emergency Operation Plan | No | N/A | N/A | N/A |
| Evacuation Plan | No | N/A | N/A | N/A |
| Post-Disaster Recovery Plan | No | N/A | N/A | N/A |
| Transportation Plan | No | N/A | N/A | N/A |
| Strategic Recovery Planning Report | No | N/A | N/A | N/A |
| Climate Adaptation Plan | No | N/A | N/A | N/A |
| Resilience Plan | No | N/A | N/A | N/A |
| Other Plans: | No | N/A | N/A | N/A |
| Regulatory Capability | | | | |
| Building Code | Yes | State, Local | | |
| Zoning Ordinance | Yes | Local | | |
| Subdivision Ordinance | No | N/A | N/A | N/A |



| Capability Category | Yes/No | Authority (local, county, state, federal) | Responsible Department/ Agency | Code Citation and Comments (e.g., Code Chapter, name of plan, explanation of authority, etc.) |
|---|--------|--|---|--|
| NFIP Flood Damage Prevention Ordinance | No | N/A | N/A | N/A |
| NFIP: Cumulative Substantial Damages | No | N/A | N/A | N/A |
| NFIP: Freeboard | No | N/A | N/A | N/A |
| Growth Management Ordinances | No | N/A | N/A | N/A |
| Site Plan Review Requirements | No | N/A | N/A | N/A |
| Stormwater Management Ordinance | No | N/A | N/A | N/A |
| Municipal Separate Storm Sewer System (MS4) | No | N/A | N/A | N/A |
| Natural Hazard Ordinance | No | N/A | N/A | N/A |
| Post-Disaster Recovery Ordinance | No | N/A | N/A | N/A |
| Real Estate Disclosure Requirement | Yes | Local, State | New York State Department of State, Real Estate Agent | New York Code – Article 14 §460-467 (Property Condition Disclosure Act) |
| Other (Special Purpose Ordinances [i.e., sensitive areas, steep slope]) | No | N/A | N/A | N/A |

4.2. Administrative and Technical Capabilities

The administrative and technical capabilities listed in **Table 5** include community (i.e., public and private) staff, their skills, and tools that can be used for mitigation planning and implementation. This capability includes engineers, planners, emergency managers, Geographic Information System (GIS) analysts, building inspectors, grant writers, and floodplain managers. Small communities may rely on other government entities, such as counties or special districts, for resources.

Table 5. Administrative and Technical Capabilities

| Capability | Yes/No | Position/Department/Agency |
|---|--------|-----------------------------------|
| Administrative Capability | | |
| Planning Board | Yes | Building and Zoning Administrator |
| Mitigation Planning Committee | No | N/A |
| Environmental Board/Commission | No | N/A |
| Open Space Board/Committee | No | N/A |
| Economic Development Commission/Committee | No | N/A |
| Maintenance programs to reduce risk | No | N/A |



| Capability | Yes/No | Position/Department/Agency |
|---|--------|--|
| Mutual aid agreements | No | N/A |
| Technical/Staffing Capability | | |
| Planner(s) or engineer(s) with knowledge of land development and land management practices | No | N/A |
| Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure | No | N/A |
| Planners or engineers with an understanding of natural hazards | No | N/A |
| NFIP Floodplain Administrator | No | N/A |
| Surveyor(s) | No | N/A |
| Personnel skilled or trained in GIS applications | No | N/A |
| Scientist familiar with natural hazards | No | N/A |
| Warning systems/services | Yes | Onondaga County Emergency Communications (911) |
| Emergency Manager | No | N/A |
| Grant writer(s) | No | N/A |
| Staff with expertise or training in benefit/cost analysis | No | N/A |
| Professionals trained in conducting damage assessments | No | N/A |

4.3. Fiscal Capabilities

Table 6 lists fiscal capabilities available to the Village that may be used to implement mitigation activities to reduce risk and enhance resiliency. This capability includes available funding sources from local budgets, state and federal grants, potential cost-sharing arrangements with private entities, existing insurance policies, and the ability to generate additional revenue through fees and bonds related to mitigation.

Table 6. Fiscal Capabilities

| Financial Resources | Accessible or Eligible to Use |
|---|-------------------------------|
| Community Development Block Grants (CDBG, CDBG-DR) | Yes |
| Federal Hazard Mitigation Assistance Program (<i>i.e., Hazard Mitigation Grant Program (HMGP), HMGP Post Fire, Flood Mitigation Assistance (FMA) Program</i>) | Yes |
| Capital Improvements Project Funding | Yes |
| Authority to Levy Taxes for specific purposes | No |
| User fees for water, sewer, gas, or electric service | No |
| Impact fees for homebuyers or developers of new development/homes | No |
| Stormwater Utility Fee | No |
| Incur debt through general obligation bonds | No |



| Financial Resources | Accessible or Eligible to Use |
|--|-------------------------------|
| Incur debt through special tax bonds | No |
| Incur debt through private activity bonds | No |
| Withhold public expenditures in hazard-prone areas | No |
| Other federal or state funding programs | Yes |
| Open Space Acquisition funding programs | No |

4.4. Education and Outreach Capabilities

Table 7 lists the Village’s education and public outreach capabilities that can be used to inform residents about potential hazards, educate on mitigation strategies, and encourage proactive actions to reduce the community’s impacts to disasters. These capabilities include fire safety programs, hazard awareness campaigns, public information, and communications offices.

Table 7. Education and Outreach Capabilities

| Capability | Yes/No | Position/Department/Agency |
|--|--------|--|
| Public Information Officer | No | N/A |
| Personnel skilled or trained in website development | No | N/A |
| Hazard mitigation information available on the jurisdiction’s website | No | N/A |
| Utilize social media for hazard mitigation education | No | N/A |
| Citizen boards or commissions that address issues related to hazard mitigation | No | N/A |
| Other programs already in place that could be used to communicate hazard-related information | No | N/A |
| An established warning system for hazard events | Yes | Onondaga County Emergency Communications (911) |

4.5. Community Classifications

The community classification relates to the community’s ability to provide effective services to reduce its vulnerability to the identified hazards. These classifications can be viewed as indicators of the community’s capabilities across all phases of emergency management (i.e., preparedness, response, recovery, and mitigation) and are used as underwriting parameters to determine the costs of various insurance forms. Table 8 summarizes classifications for community programs available to the Village of Fabius.

Table 8. Community Classifications

| Program | Yes/No | Classification (if applicable) | Date Classified (if applicable) |
|---|--------|-----------------------------------|------------------------------------|
| Community Rating System (CRS) | No | N/A | N/A |
| Building Code Effectiveness Grading Schedule (BCEGS) | No | N/A | N/A |
| Public Protection (ISO Fire Protection Classes 1 to 10) | No | N/A | N/A |



| Program | Yes/No | Classification <i>(if applicable)</i> | Date Classified <i>(if applicable)</i> |
|---|--------|--|---|
| New York State Department of Environmental Conservation Climate Smart Community | No | N/A | N/A |
| Storm Ready Certification | No | N/A | N/A |
| Firewise Communities classification | No | N/A | N/A |
| Natural disaster/safety programs in/for schools | No | N/A | N/A |
| Organizations with mitigation focus (advocacy group, non-government) | No | N/A | N/A |
| Public education program/outreach (through website, social media) | No | N/A | N/A |
| Public-private partnership initiatives addressing disaster-related issues | No | N/A | N/A |

4.6. Self-Assessment of Capability

Table 9 provides an approximate measure of the Village of Fabius’ capability to work in a hazard mitigation capacity and/or effectively implement hazard mitigation strategies to reduce hazard vulnerabilities.

Table 9. Self-Assessment Capability

| Capability Area | Degree of Hazard Mitigation Capability | | |
|--|---|-----------------|-------------|
| | <i>Limited</i> <i>(If limited, what are your obstacles?)</i> | <i>Moderate</i> | <i>High</i> |
| Planning and Regulatory Capability | X <i>(Low funds)</i> | | |
| Administrative and Technical Capability | X <i>(Low funds)</i> | | |
| Fiscal Capability | X <i>(Low funds)</i> | | |
| Education and Outreach Capabilities | X <i>(Low funds)</i> | | |
| Community Political Capability | X <i>(Low funds)</i> | | |
| Community Resiliency Capability | X <i>(Low funds)</i> | | |
| Capability to integrate mitigation into municipal processes and activities | X <i>(Low funds)</i> | | |

4.7. Needs to Expand/Improve Capabilities

The Village of Fabius identified existing authorities, policies, programs, funding, and/or resources that need to be expanded and/or improved in order to support the implementation of the hazard mitigation initiatives identified in this Plan (e.g., mitigation actions).

- To increase the Village’s capability to apply for hazard mitigation grants, the Village must expand its grant writing capabilities by potentially hiring more grant writers. Furthermore, staff to manage the grant funds are needed.



5. NATIONAL FLOOD INSURANCE PROGRAM

The Village of Fabius does not participate in the National Flood Insurance Program (NFIP). The Village’s NFIP participation information is listed in **Table 10**.

Table 10. NFIP Participation Information

| CID | NFIP Participation Date | Current Effective FIRM Date | CRS Entry Date | CRS Current Effective Date | CRS Rating |
|--------|-------------------------|-----------------------------|----------------|----------------------------|------------|
| 360689 | N/A | 11/4/2016 | N/A | N/A | N/A |

5.1. NFIP Floodplain Administrator

The Village of Fabius does not participate in the National Flood Insurance Program (NFIP); therefore, the Village does not have a Floodplain Administrator.

5.2. Repetitive Loss and Severe Repetitive Loss Property

The Village of Fabius does not participate in the NFIP; therefore, there are no Repetitive Loss or Severe Repetitive Loss properties within the Village.

5.3. Participation Activities

The Village of Fabius does not participate in the NFIP.

5.3.1. Regulatory

Flood Damage Prevention Ordinance

The Village of Fabius has not adopted a Flood Damage Prevention Ordinance; however, aspects of floodplain management are addressed in the Zoning Board review procedures.

Substantial Damage

The Village of Fabius has not adopted a Substantial Damage Ordinance.

Substantial Improvement

The Village of Fabius has not adopted a Substantial Improvement Ordinance.

Substantial Damage/Substantial Improvement Determination Process

The Village of Fabius does not currently participate in the NFIP, as previously stated. Consequently, the Village has not adopted the specific floodplain management ordinances (i.e., Substantial Damage, Substantial Improvement) required of participating communities. As such, no official Substantial Damage/Substantial Improvement determination process is currently in place or enforced by the Village.

6. HAZARD MITIGATION PLAN INTEGRATION

For a community to successfully reduce long-term risk, hazard mitigation must be integrated into day-to-day planning mechanisms and initiatives. Plan integration is the process by which communities critically assess the existing planning framework and align efforts with the goal of reducing long-term risks and building a more resilient community. It involves a two (2) way exchange of information and incorporation of ideas and concepts between



hazard mitigation plans and other community plans. In particular, plan integration involves incorporating hazard mitigation principles and actions into other plans and integrating planning mechanisms into hazard mitigation plans. Plan integration involves community plans, policies, codes, and programs that guide development, roles, and responsibilities in implementing these capabilities. Additionally, plan integration is achieved through the involvement of key staff and community officials in collaborative hazard mitigation planning.

6.1. Existing Plan Integration

A hazard mitigation plan must explain how the jurisdiction incorporated the previous Plan update over the last five (5) years to demonstrate progress in local mitigation efforts. During the performance period since the adoption of the previous Hazard Mitigation Plan, the Village of Fabius has made progress in integrating components of the hazard mitigation strategy (e.g., goals, objectives, and actions) into planning initiatives and mechanisms. **Table 11** highlights the planning mechanisms/initiatives in which the previous Plan was integrated and the information integrated.

Table 11. Current Plan Integration

| Planning Initiative | Current Integration Description |
|--|--|
| Retrofitting/Removal of Structures from Hazard-Prone Areas | The Village supports the retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with repetitive loss and severe repetitive loss properties as priority. The Village works to identify facilities that are viable candidates for each strategy based on cost-effectiveness. Implementation of these hazard mitigation actions is based on available funding. |

6.2. Potential Future Integration

A hazard mitigation plan must explain how the jurisdiction intends to incorporate this Plan update into planning mechanisms over the next five (5) years. The capability assessment presented in Section 4 of this Annex identifies codes, plans, and programs that provide opportunities for integration. **Table 12** outlines planning mechanisms/initiatives that do not currently integrate the goals and recommendations of this Plan but provide opportunities to do so in the future.

Table 12. Potential Future Integration

| Planning Initiative | Potential Integration Description |
|---|--|
| Future Municipal Ordinances (e.g., Subdivision Ordinance, Site Plan Review) | Any future municipal ordinances could consider natural hazard risk and require developers to take additional steps to mitigate it. |
| Municipal Budget | The Village could add a line item for mitigation projects/activities into the Municipal Budget and capital improvement funding. |
| Public Outreach | The Village could create public outreach programs and establish a municipal website to provide information related to public preparedness and hazard mitigation. |

The Village’s Local Planning Team will identify all relevant planning initiatives scheduled for update in the next year and during the annual update process of the Hazard Mitigation Plan. Additionally, the Local Planning Team will identify opportunities to integrate key elements of the Hazard Mitigation Plan, specifically relevant strategies, into the planning initiatives. Mitigation actions were identified to promote plan integration in future revisions of this Plan.



7. SIGNIFICANT HAZARD PAST EVENTS

A complete risk assessment, including past incidents, for each identified hazard of concern, can be found in **Volume 1** of this Plan. A summary of past events is provided under each hazard profile and includes a chronology of events that have affected the County and its municipalities.

8. HAZARD VULNERABILITY AND IMPACT ASSESSMENT

Exposure and vulnerability to certain hazards affect the entire County, and others are geographically defined. Although the entire County may be vulnerable to these hazards, their impacts may vary based on existing community conditions (e.g., underserved populations or those with access and functional needs may be more susceptible under certain conditions).

Table 13 outlines the *unique vulnerabilities and impacts* for the Village of Fabius and addresses only the hazards relevant to the jurisdiction. A complete risk assessment for each identified hazard of concern is in **Volume 1** of this Plan. Hazard mapping can be found in **Appendix A** of this Annex.

Table 13. Hazard Vulnerability and Impact Assessment

| Hazard | Vulnerabilities and Impacts |
|---|---|
| Drought | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to Drought; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Earthquake | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to earthquakes; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Heat Wave/Extreme Heat | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to heat wave/extreme heat; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Flood <i>(riverine, flash/urban, ice jam, dam and levee failure)</i> | Fabius Brook Creek has been affected by beaver dams, which raise the water table and disrupt the function of septic systems for the homes in the vicinity of the Creek. |
| Geological Hazards <i>(landslides, land subsidence, mudboils)</i> | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to geological hazards; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Harmful Algal Bloom | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to harmful algal blooms; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Invasive Species and Infestation <i>(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)</i> | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to invasive species and infestation; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Severe Weather <i>(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)</i> | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to severe weather; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |
| Winter Weather <i>(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor’easter)</i> | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to winter weather; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |



| Hazard | Vulnerabilities and Impacts |
|--|---|
| Wildfire <i>(wildfire smoke)</i> | The Local Planning Team determined that the Village does not have unique vulnerabilities and impacts to wildfire; rather, the jurisdiction’s vulnerability and impacts are consistent with those experienced throughout the County. |

The Village evaluated whether vulnerability in hazard-prone areas had increased, decreased, or remained the same for each natural hazard identified in this Hazard Mitigation Plan. Climate change, changes in population, infrastructure expansion, and economic shifts that can affect vulnerability were considered. For example, if planned development is in an identified hazard area or is not built to the updated building codes, it may increase the community’s vulnerability to future hazards and disasters. On the other hand, if development occurred with mitigation practices in place, the vulnerability may have remained the same or decreased. Additionally, shifting demographics (e.g., underserved population) were taken into consideration.

Table 14 outlines whether climate change has increased or decreased the Village’s vulnerability (i.e., exposure) and impact to each natural hazard over the past five (5) years, and the effect of climate change on the future probability of occurrence and impacts from each natural hazard.

Table 14. Climate Change Current and Future Vulnerability and Impact

| Hazard | Vulnerability and Impact |
|---|--------------------------|
| <i>Current Vulnerability and Impact</i> | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Increased |
| Flood <i>(riverine, flash/urban, ice jam, dam and levee failure)</i> | Increased |
| Geological Hazards <i>(landslides, land subsidence, mudboils)</i> | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation <i>(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)</i> | Increased |
| Severe Weather <i>(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)</i> | Increased |
| Winter Weather <i>(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor’easter)</i> | Remained the Same |
| Wildfire <i>(wildfire smoke)</i> | Remained the Same |
| <i>Future Vulnerability and Impact</i> | |
| Drought | Increase |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | Increase |
| Flood <i>(riverine, flash/urban, ice jam, dam and levee failure)</i> | Increase |
| Geological Hazards <i>(landslides, land subsidence, mudboils)</i> | No Change Anticipated |
| Harmful Algal Bloom | Increase |
| Invasive Species and Infestation <i>(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)</i> | Increase |
| Severe Weather <i>(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)</i> | Increase |
| Winter Weather <i>(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor’easter)</i> | Increase |



| Hazard | Vulnerability and Impact |
|------------------------------------|--------------------------|
| Wildfire (<i>wildfire smoke</i>) | No Change Anticipated |

Table 15 outlines whether changes in population within the Village over the past five (5) years have increased or decreased the vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in population may have on the future probability of occurrence and impacts from these natural hazards.

Table 15. Changes in Population Current and Future Vulnerability and Impact

| Hazard | Vulnerability and Impact |
|---|--------------------------|
| <i>Current Vulnerability and Impact</i> | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Remained the Same |
| Flood (<i>riverine, flash/urban, ice jam, dam and levee failure</i>) | Remained the Same |
| Geological Hazards (<i>landslides, land subsidence, mudboils</i>) | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation (<i>Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases</i>) | Remained the Same |
| Severe Weather (<i>severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm</i>) | Remained the Same |
| Winter Weather (<i>blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter</i>) | Remained the Same |
| Wildfire (<i>wildfire smoke</i>) | Remained the Same |
| <i>Future Vulnerability and Impact</i> | |
| Drought | No Change Anticipated |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | No Change Anticipated |
| Flood (<i>riverine, flash/urban, ice jam, dam and levee failure</i>) | No Change Anticipated |
| Geological Hazards (<i>landslides, land subsidence, mudboils</i>) | No Change Anticipated |
| Harmful Algal Bloom | No Change Anticipated |
| Invasive Species and Infestation (<i>Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases</i>) | No Change Anticipated |
| Severe Weather (<i>severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm</i>) | No Change Anticipated |
| Winter Weather (<i>blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter</i>) | No Change Anticipated |
| Wildfire (<i>wildfire smoke</i>) | No Change Anticipated |

Table 16 outlines whether development over the past five (5) years has increased or decreased the Village’s vulnerability (i.e., exposure) and impact to these natural hazards, and the anticipated effects changes in development may have on the future probability of occurrence and impacts from these natural hazards.



Table 16. Changes in Development Current and Future Vulnerability and Impact

| Hazard | Vulnerability and Impact |
|---|--------------------------|
| <i>Current Vulnerability and Impact</i> | |
| Drought | Remained the Same |
| Earthquake | Remained the Same |
| Heat Wave/Extreme Heat | Remained the Same |
| Flood (<i>riverine, flash/urban, ice jam, dam and levee failure</i>) | Remained the Same |
| Geological Hazards (<i>landslides, land subsidence, mudboils</i>) | Remained the Same |
| Harmful Algal Bloom | Remained the Same |
| Invasive Species and Infestation (<i>Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases</i>) | Remained the Same |
| Severe Weather (<i>severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm</i>) | Remained the Same |
| Winter Weather (<i>blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter</i>) | Remained the Same |
| Wildfire (<i>wildfire smoke</i>) | Remained the Same |
| <i>Future Vulnerability and Impact</i> | |
| Drought | No Change Anticipated |
| Earthquake | No Change Anticipated |
| Heat Wave/Extreme Heat | No Change Anticipated |
| Flood (<i>riverine, flash/urban, ice jam, dam and levee failure</i>) | No Change Anticipated |
| Geological Hazards (<i>landslides, land subsidence, mudboils</i>) | No Change Anticipated |
| Harmful Algal Bloom | No Change Anticipated |
| Invasive Species and Infestation (<i>Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases</i>) | No Change Anticipated |
| Severe Weather (<i>severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm</i>) | No Change Anticipated |
| Winter Weather (<i>blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter</i>) | No Change Anticipated |
| Wildfire (<i>wildfire smoke</i>) | No Change Anticipated |

8.1. Future Major Assets

Community assets should include anything that is important to a community's character and function. Assets include people (i.e., underserved population); structures (i.e., new and existing buildings); community lifelines and other critical facilities; natural, historic, and cultural resources; and the economy and other activities that have value to the community. The Village of Fabius does not anticipate that future major assets may be exposed or vulnerable to any of the natural hazards identified in this Hazard Mitigation Plan. As stated in Section 3 of this Annex, the Village is fully developed, with both residential and commercial areas built out, and there is no available land for new construction, limiting the potential for further development. Any new assets (e.g., new construction in hazard-prone areas) will be built to comply with the latest building codes and standards, and will be mitigated to protect them from identified and anticipated hazards, especially those expected to increase due to climate change.



9. CRITICAL FACILITIES FLOOD RISK

New York State Department of Environmental Conservation (NYSDEC) Title 6, Chapter V, Subchapter A, Part 502 sets forth local floodplain management criteria for State projects located within flood hazard areas. The law states that no such projects related to critical facilities shall be undertaken in a Special Flood Hazard Area (SFHA) unless built in accordance with certain mitigation specifications, including being raised two (2) feet above the Base Flood Elevation (BFE).⁶ While all vulnerabilities should be assessed and documented, the State places a high priority on exposure to flooding.

Jurisdictions must identify all critical facilities, assess their vulnerabilities, and ensure they are protected against a 0.2% chance (500-year) flood event. Critical facilities that are located in an SFHA and/or have been previously flooded must be protected against a repeat of that flood or the 0.2% chance flood event, whichever provides the greater protection. The Plan must document that those critical facilities are protected to a 0.2% flood event, or the previous worst-case flood event. For those that do not meet this level of protection, the Plan must include a mitigation action that meets or exceeds this criterion, or explain why it is not feasible to do so.⁷

Table 17 identifies critical facilities in the community located in the 100-year and 500-year floodplain.

Table 17. Potential Flood Losses to Critical Facilities

| Name | Address | Type | Exposure | | Potential Loss from 100-Year Flood Event | | Facility Protected | Addressed by Proposed Action |
|-----------------|---------|------|----------|----------|--|------------------|--------------------|------------------------------|
| | | | 100-Year | 500-Year | % Structure Damage | % Content Damage | | |
| None identified | | | | | | | | |

10. HAZARD RISK RANKING

Table 18 presents the local hazard ranking for the Village of Fabius of all hazards of concern listed in Volume 1 of this Plan. This ranking summarizes how hazards vary for this jurisdiction. As thoroughly described in Volume 1 of this Plan, the ranking process involves an assessment of the likelihood of occurrence for each hazard, along with its potential impacts on people, property, and the economy. For further details on how the probability, extent, vulnerability, and impact factors in Table 18 were calculated, please refer to Section 4.3 in Volume 1 of this Plan.

It is important to note that the sub hazards for severe weather (i.e., strong winds/damaging winds, severe thunderstorms, tropical storm/hurricane, hail, and tornado), geological hazards (i.e., landslide, land subsidence, and mudboils), flood (i.e., riverine/creek flooding and ice jam, and urban/flash flooding), and winter weather (i.e., blizzards, lake effect snow, nor'easter, and ice storm, and cold wave/extreme cold) were individually ranked in the hazard risk ranking; however, severe weather, geological hazards, flood, and winter weather are each considered as the main hazard throughout this Annex and Volume 1.

⁶ New York State Department of Environmental Conservation. (n.d.). Chapter V – Resource Management Services. Retrieved from <https://dec.ny.gov/regulatory/regulations/chapter-v>.

⁷ New York State Division of Homeland Security and Emergency Services. (2022). 2022 New York State Hazard Mitigation Planning Standards. Retrieved from <https://www.dhSES.ny.gov/system/files/documents/2023/11/2022-nys-mitigation-planning-standards-final.pdf>



Table 18. Village of Fabius Hazard Risk Ranking

| Hazard Event | Probability Factor | Sum of Weighted Extent Factors | Sum of Weighted Vulnerability Factors | Sum of Weighted Impact Factors | Consequence Score | Total Risk Score <i>(Probability x Consequence)</i> |
|--|--------------------|--------------------------------|---------------------------------------|--------------------------------|-------------------|--|
| Flood (Urban/Flash Flood) | 3 | 12 | 11 | 29 | 52 | 73 |
| Winter Weather (Blizzards, Lake Effect Snow, Nor'easter, Ice Storm) | 3 | 12 | 14 | 21 | 47 | 67 |
| Severe Thunderstorm <i>(Severe Weather)</i> | 3 | 12 | 16 | 14 | 42 | 61 |
| Strong Winds/ Damaging Winds <i>(Severe Weather)</i> | 3 | 12 | 11 | 16 | 39 | 57 |
| Harmful Algal Bloom | 3 | 9 | 10 | 20 | 39 | 57 |
| Flood (Riverine/Creek, Ice Jam) | 3 | 6 | 6 | 24 | 36 | 54 |
| Cold Wave/Extreme Cold <i>(Winter Weather)</i> | 2 | 12 | 14 | 21 | 47 | 48 |
| Heat Wave/Extreme Heat | 2 | 9 | 11 | 19 | 39 | 41 |
| Drought | 2 | 12 | 12 | 13 | 37 | 39 |
| Tropical Storm/ Hurricane <i>(Severe Weather)</i> | 1 | 9 | 16 | 24 | 49 | 27 |
| Dam and Levee Failure <i>(Flood)</i> | 1 | 9 | 6 | 23 | 38 | 22 |
| Hail <i>(Severe Weather)</i> | 1 | 6 | 16 | 14 | 36 | 21 |
| Earthquake | 1 | 6 | 16 | 12 | 34 | 20 |
| Tornado <i>(Severe Weather)</i> | 1 | 6 | 6 | 22 | 34 | 20 |
| Invasive Species and Infestation | 1 | 6 | 6 | 15 | 27 | 16 |
| Landslide <i>(Geological Hazards)</i> | 1 | 6 | 6 | 13 | 25 | 15 |
| Land Subsidence <i>(Geological Hazards)</i> | 1 | 3 | 6 | 13 | 22 | 14 |
| Mudboils <i>(Geological Hazards)</i> | 1 | 3 | 6 | 12 | 21 | 13 |



| Hazard Event | Probability Factor | Sum of Weighted Extent Factors | Sum of Weighted Vulnerability Factors | Sum of Weighted Impact Factors | Consequence Score | Total Risk Score <i>(Probability x Consequence)</i> |
|------------------------------|--------------------|--------------------------------|---------------------------------------|--------------------------------|-------------------|--|
| Wildfire (Wildfire Smoke) | 1 | 3 | 6 | 11 | 20 | 13 |

Consequence: Sum of all weighted factors.
Extent: Sum of the weighted Extent factors.
Vulnerability: Sum of the weighted Vulnerability factors.

Impact: Sum of the weighted Impact factors.
*Total Risk Score** = Probability x Consequence
 * Normalized to 100

Total Risk Score Legend

| Classification | Probability Factor | Extent | Vulnerability | Impact | Consequence Score | Total Risk Score |
|----------------|--------------------|---------|---------------|---------|-------------------|------------------|
| Low (L) | 1 | 0 – 6 | 0 – 6 | 0 – 12 | 0 – 24 | 0 – 24 |
| Medium (M) | 2 | 7 – 12 | 7 – 12 | 13 – 26 | 25 – 50 | 25 – 52 |
| High (H) | 3 | 13 – 18 | 13 – 18 | 27 – 39 | 51 – 75 | 53 and above |

The **legend**—specifically the assignment of low, medium, and high—provides an additional means to qualitatively assess the probability factor, sum of weighted factors, and the total risk scores for each hazard. The **Consequence Score** represents the sum of the Extent, Vulnerability, and Impact Factors. The **Total Risk Score** is a measure of Probability and Consequence.



11. MITIGATION ACTIONS

This section includes the mitigation actions developed to address the risks and vulnerabilities to the hazards identified in this Plan. This Plan serves only to recommend mitigation measures based on the potential for risk reduction and available funding. Implementation of mitigation actions is dependent on risk reduction priorities, feasibility, and available funding. It is also dependent on the cooperation and support of the jurisdiction and/or department responsible for each action item. Additionally, all mitigation actions identified in the 2019 update or before were updated accordingly. Any new mitigation actions are listed as *New* (under Project Status).

The Village of Fabius agreed on **seven (7)** mitigation actions that apply to the jurisdiction’s properties for which it has jurisdictional responsibility and authority. A summary of the Village’s mitigation actions status is listed in **Table 19**.

Note: The mitigation actions outlined in this Plan are designed only to address those natural hazards that received a risk ranking of *medium* or *high* during the hazard risk assessment (**Table 18**). Hazards that ranked *low* (earthquakes, geological hazards, and wildfires) will not have specific mitigation actions detailed in this document.

Table 19. Village of Fabius Mitigation Action Summary

| Status | | Mitigation Action Total | |
|---|-----|--|-----|
| Continuous | | 1 | |
| In Progress/Not Yet Completed | | 1 | |
| No Progress/Not Yet Started | | 1 | |
| New | | 4 | |
| TOTAL | | 7 | |
| Complete | | 0 | |
| Discontinued | | 0 | |
| Mitigation Actions per Hazard | | | |
| Drought | 4 | Harmful Algal Bloom | 3 |
| Earthquake | N/A | Invasive Species and Infestation <i>(Emerald Ash Borer, Hemlock Woolly Adelgid, True Armyworm, Common Reed (Phragmites), Eurasian Watermilfoil, Water Chestnut, Tick-Borne Diseases, Mosquito-Borne Diseases)</i> | 3 |
| Heat Wave/Extreme Heat | 4 | Severe Weather <i>(severe thunderstorms – hail, strong winds/damaging winds, tornadoes, hurricane/tropical storm)</i> | 4 |
| Flood <i>(riverine, flash/urban, ice jam, dam and levee failure)</i> | 4 | Winter Weather <i>(blizzards, heavy snow, ice storms, cold wave/extreme cold, nor'easter)</i> | 4 |
| Geological Hazards <i>(landslides, land subsidence, mudboils)</i> | N/A | Wildfire <i>(wildfire smoke)</i> | N/A |

A detailed explanation of the Mitigation Strategy can be found in Section 5 of **Volume 1**.



| | | | | | |
|--|--|---|---------------------------|--------------------------------|-------|
| Mitigation Action | Actively support and participate in the implementation, monitoring, maintenance, and updating of this Hazard Mitigation Plan, as outlined and defined in Volume 1. | | | | |
| Action Number | VFB-1 | Goal(s) Addressed | 1, 2, 3, 4, 5, 6 | Prioritization Score | 15/15 |
| Year Added to Plan | 2013 | Timeline (estimated) | Ongoing | Implementation Priority | High |
| Hazard(s) Mitigated | Drought, Heat Wave/Extreme Heat, Flood, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather | | | | |
| Project Status | Continuous | If <i>Discontinued</i> , provide reason. | | N/A | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | Village of Fabius Mayor | Supporting Agency / Organization (If applicable) | | N/A | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | | | |



| | | | | | |
|--|---|---|--|--------------------------------|-------|
| Mitigation Action | Implement a website and social media accounts (e.g., Facebook) for the Village to conduct and facilitate public education and outreach that highlight the risks posed by natural hazards. | | | | |
| Action Number | VFB-2 | Goal(s) Addressed | 2, 3, 5, 6 | Prioritization Score | 13/15 |
| Year Added to Plan | 2019 | Timeline (estimated) | 1 to 2 years | Implementation Priority | High |
| Hazard(s) Mitigated | Drought, Heat Wave/Extreme Heat, Flood, Harmful Algal Bloom, Invasive Species and Infestation, Severe Weather, Winter Weather | | | | |
| Project Status | No Progress/Not Yet Started | <i>If Discontinued, provide reason.</i> | N/A | | |
| Benefits (Loss Avoided) | High | | | | |
| Lead Agency / Organization | Village of Fabius Clerk | Supporting Agency / Organization (If applicable) | N/A | | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | The Village of Fabius currently has no public outreach mechanisms or programs to inform citizens about natural hazards. The Village does not have a website or social media. This leads to a lack of communication between residents and the Village and limits the number of people who receive emergency notifications. If a website and social media page were established, the Village could notify residents of emergencies, how to prepare for upcoming hazards, and hazard mitigation activities. | | |



| | | | | | |
|--|---|---|--|--------------------------------|-------|
| Mitigation Action | Conduct an engineering/hydrological study to assess the widening of the Mill Street Culvert as a way to prevent flooding from storm runoff. | | | | |
| Action Number | VFB-3 | Goal(s) Addressed | 1, 3, 4 | Prioritization Score | 13/15 |
| Year Added to Plan | 2019 | Timeline (estimated) | 1 to 2 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Flood, Severe Weather | | | | |
| Project Status | In Progress/Not Yet Completed | <i>If Discontinued, provide reason.</i> | N/A | | |
| Benefits (Loss Avoided) | Medium | | | | |
| Lead Agency / Organization | Village of Fabius Mayor | Supporting Agency / Organization (If applicable) | N/A | | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | High | Potential Funding Source | General Fund (Staff Time), HMGP, FMA | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | Low level flooding occurs every two (2) to three (3) years near a 60 year old culvert that facilitates the crossing of a small unnamed stream near the Fabius Pompey School District office. Periodic flooding has also caused minor damage to the cemetery and the parking lot where the school buses are parked. Mill Road is a primary egress from Fabius Pompey High School. | | |



| | | | | | |
|--|---|---|--------------------------------------|--------------------------------|-------|
| Mitigation Action | Implement a cleanup effort for Fabivus Brook Creek to address issues caused by beaver activity. This includes mitigating impacts and removing beaver dams to restore proper water flow and reduce flood risk. | | | | |
| Action Number | VFB-4 | Goal(s) Addressed | 1, 4 | Prioritization Score | 13/15 |
| Year Added to Plan | 2025 | Timeline (estimated) | 1 to 5 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Flood, Severe Weather | | | | |
| Project Status | New | If Discontinued, provide reason. | N/A | | |
| Benefits (Loss Avoided) | Medium | | | | |
| Lead Agency / Organization | Village of Fabivus Mayor | Supporting Agency / Organization (If applicable) | N/A | | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Medium | Potential Funding Source | General Fund (Staff Time), HMGP, FMA | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | | | |



| | | | | | |
|--|--|---|---------------------------|--------------------------------|-------|
| Mitigation Action | Implement a strategic, adaptive community-based resilience initiative to build long-term community resilience to drought. The initiative will utilize a multi-channel public outreach campaign to provide residents, businesses, and the agricultural community with practical knowledge and resources needed for drought mitigation strategies (e.g., water conservation, the use of drought-tolerant landscaping). | | | | |
| Action Number | VFB-5 | Goal(s) Addressed | 2 | Prioritization Score | 15/15 |
| Year Added to Plan | 2025 | Timeline (estimated) | 2 to 4 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Drought | | | | |
| Project Status | New | If <i>Discontinued</i> , provide reason. | | N/A | |
| Benefits (Loss Avoided) | Low | | | | |
| Lead Agency / Organization | Village of Fabius Clerk | Supporting Agency / Organization (If applicable) | N/A | | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | | | |



| | | | | | |
|--|---|---|---------------------------|--------------------------------|-------|
| Mitigation Action | Implement a strategic, adaptive community-based resilience initiative to build long-term community resilience against heat waves/extreme heat events. The initiative will utilize a multi-channel public outreach campaign to educate the public about public health illnesses associated with extreme heat, protective actions, and available resources to reduce risk and exposure during heat wave/extreme heat events. Outreach efforts will specifically target individuals who are particularly vulnerable during heat waves/extreme heat events, including, but not limited to, the elderly, young children, pregnant women, individuals with chronic illnesses, individuals without access to air conditioning, and outdoor workers (e.g., agricultural workers). Additionally, implementing climate adaptation measures, such as identifying community centers that can serve as cooling centers, will also be considered. | | | | |
| Action Number | VFB-6 | Goal(s) Addressed | 2 | Prioritization Score | 15/15 |
| Year Added to Plan | 2025 | Timeline (estimated) | 2 to 4 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Heat Wave/Extreme Heat | | | | |
| Project Status | New | If <i>Discontinued</i> , provide reason. | | N/A | |
| Benefits (Loss Avoided) | Low | | | | |
| Lead Agency / Organization | Village of Fabius Clerk | Supporting Agency / Organization (If applicable) | | N/A | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | | | |



| | | | | | |
|--|---|---|---------------------------|--------------------------------|-------|
| Mitigation Action | Develop and implement a strategic, adaptive community-based resilience initiative to build long-term community resilience against winter weather events, including extreme cold temperatures (e.g., cold waves) and power outages resulting from winter weather events. The initiative will use a multi-channel public outreach campaign to educate the public about cold-weather illnesses, protective actions, and available resources to reduce risk and exposure during cold wave/extreme cold events. Outreach efforts will specifically target individuals who are particularly vulnerable during winter weather events. Additionally, it will consider implementing climate adaptation measures, such as identifying community centers that can serve as warming centers during winter weather events. | | | | |
| Action Number | VFB-7 | Goal(s) Addressed | 2 | Prioritization Score | 15/15 |
| Year Added to Plan | 2025 | Timeline (estimated) | 2 to 4 Years | Implementation Priority | High |
| Hazard(s) Mitigated | Winter Weather | | | | |
| Project Status | New | If <i>Discontinued</i> , provide reason. | | N/A | |
| Benefits (Loss Avoided) | Low | | | | |
| Lead Agency / Organization | Village of Fabius Clerk | Supporting Agency / Organization (If applicable) | | N/A | |
| Additional Participating Jurisdictions (If applicable) | N/A | | | | |
| Estimated Cost | Low | Potential Funding Source | General Fund (Staff Time) | | |
| Critical Facility (Critical Facility located in 1% floodplain?) | No | Additional Details (optional) | | | |



APPENDIX A. HAZARD MAPS

These maps are based on the best available data at the time this Plan was prepared and are considered adequate for planning purposes. Maps have been generated only for hazards that can be distinctly represented using available mapping technologies and data, and for which the Village of Fabius has significant vulnerability.

- **Figure 1** illustrates the jurisdiction's planning area boundary.
- **Figure 2** illustrates the critical facilities within the planning area.
- **Figure 3** illustrates the jurisdiction's Special Flood Hazard Area (SFHA), including the Flood Zones and the 500-year floodplain in the planning area. Flood Insurance Rate Maps (FIRMs) display flood zones, floodplain boundaries, and Base Flood Elevation (BFE), which are used for floodplain management, flood insurance ratings, and to determine flood insurance requirements. FIRMs show areas with a 1% chance of flooding each year, commonly known as the 100-year floodplains, and are illustrated as the SFHA (Flood Zones A, AE, and AO on the map). The 500-year floodplains show areas with a 0.2% chance of flooding each year.



Figure 1. Village of Fabius Planning Area

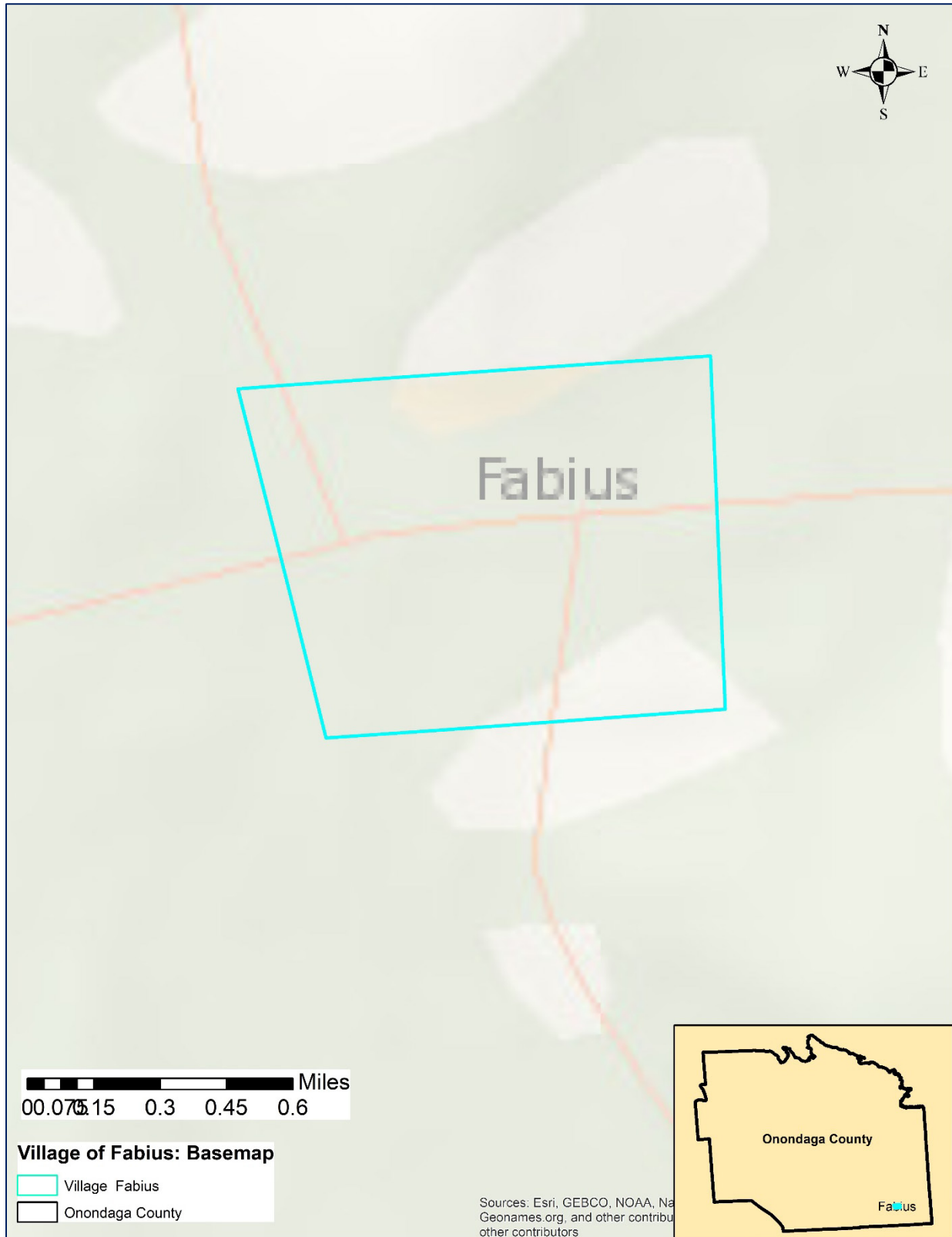




Figure 2. Critical Facilities

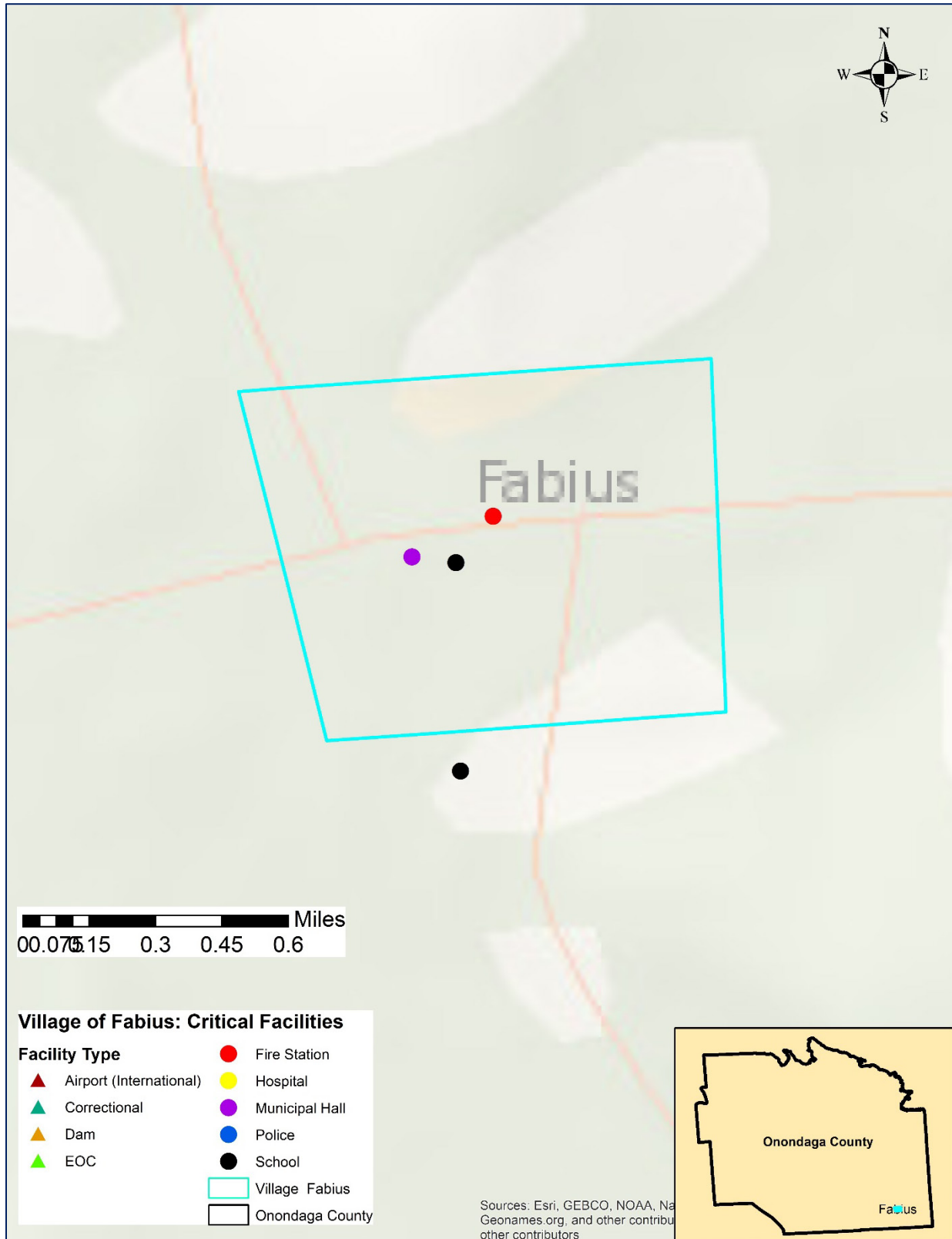
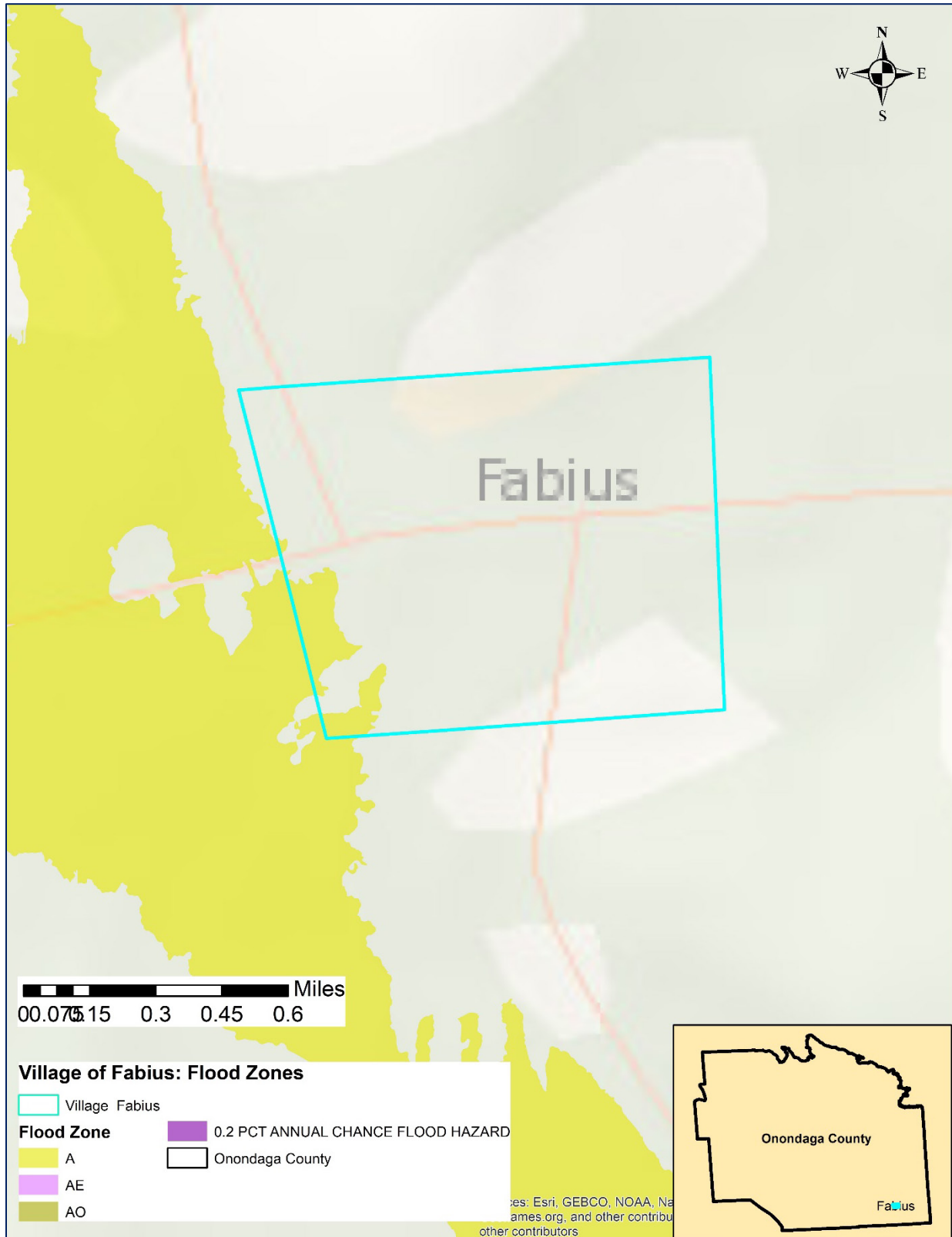




Figure 3. Special Flood Hazard Area





APPENDIX B. LETTER OF INTENT

**Statement of Intent to Participate in the
2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan**

The purpose of this letter is to establish commitment from, and a cooperative working relationship between, all participating jurisdictions in the development and implementation of the 2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan (HMP). In addition, the intent of this form is to ensure that the Plan update is developed in accordance with Title 44 of the Federal Code of Regulations Part 201.6; that the planning process is conducted in an open manner involving community stakeholders; that it is consistent with each participating jurisdiction's policies, programs, and authorities; and that it is an accurate reflection of the community's values.

To meet this requirement and to help reduce the loss of life and damage to property in the event of a natural disaster, our municipality intends to participate in a federally funded grant initiative to update the 2024 Onondaga County Multi-Jurisdictional Hazard Mitigation Plan.

We understand that the planning process will include a limited number of meetings and/or calls between Planning Team representatives and representatives from participating municipalities and agencies. The subject of the meeting(s) will be to:

- Inform participants on the needs and methods for identifying and prioritizing hazards;
- Share information on hazards affecting local jurisdictions;
- Provide information related to local assets, plans/ordinances, hazard events and damages, new development, etc. within the jurisdiction; and
- Determine possible projects to reduce the impact of future incidents involving hazards which are prerequisites to municipalities later applying for hazard mitigation grant funds.

We recognize the importance of having an updated multi-jurisdictional hazard mitigation plan to help safeguard the lives and property of our citizens and commit to participating in this process with Onondaga County.

Name of Jurisdiction: Village of Fabius

Name of Authorized Representative:
Robert E Hayes III

Signature of Authorized Representative:
[Handwritten Signature]

Primary Point-of-Contact (POC):
Name: Robert E Hayes III
Title: Code Enforcement
Department:
Phone Number: 315-378-6737
Email: rhayes208@tdca.ny.gov

Secondary Point-of-Contact (POC):
Name: Pamela Hauck
Title: Clerk
Department:
Phone Number: 315-673-5478
Email: fabiusvillage@gmail.com

Please return this form to jefferyharrop@ongov.net, or mail to the Onondaga County Dept. of Planning, 335 Montgomery St, Syracuse, NY 13202. Questions, call Jeff at (315)435-2673.



APPENDIX C. PLAN ADOPTION

[Placeholder for adoption documentation after State and FEMA Approval]